

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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Report No. 427 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 2/1/10 to 3/1/10:

- **WF2XFY THE BOEING COMPANY 0436-EX-PL-2009**
New experimental to operate in select frequency bands between 20 MHz and 6000 MHz for testing antennas.
Fixed: Thurmond, MD; Germantown, MD
- **WF2XHR UNIVERSITY OF UTAH DEPARTMENT OF PHYSICS AND ASTRONOMY 0459-EX-PL-2009**
New experimental to operate on 54.1 MHz to study high-energy cosmic rays.
Fixed: Delta, UT
- **WF2XGZ DBSPECTRA, INC. 0006-EX-PL-2010**
New experimental to operate on 150 MHz, 450 MHz, 700 MHz and 800 MHz for factory testing to extend the state of the art in passive intermodulation (PIM) testing.
Fixed: Lewisville (Denton), TX
- **WF2XDP AERONIX 0306-EX-PL-2009**
New experimental to operate on 335 MHz, 410 MHz and 1755 MHz for testing software defined radio.
Mobile: Deer Park, west of Melbourne, FL GPS - 28 16 28.20N 80 57 10.
- **WF2XHB WAL-MART STORES, INC. 0014-EX-PL-2010**
New experimental to operate in 800 – 806 MHz, 824 – 851 MHz, 866 – 960 MHz, 902 – 928 MHz and 950 – 956 MHz for RFID testing.
Fixed: Rogers (Benton), AR
- **WF2XHC TRAPEZE ITS U.S.A., LLC 0466-EX-PL-2009**
New experimental to operate on 896.90 MHz, 897.90 MHz, 935.90 MHz and 936.90 MHz to develop and test a highly efficient high speed, digital radio data system with rapid polling to enhance the operation, command, and control of large transit fleets.
Fixed & Mobile: Cedar Rapids and Alburnett (Linn), IA
- **WF2XGD DIA FIRE & RESCUE 0465-EX-PL-2009**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Denver (Denver), CO
- **WF2XGE UNIVERSITY OF TENNESSEE SPACE INSTITUTE 0372-EX-PL-2009**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Tullahoma, TN

- **WF2XDU NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORPORATION
0327-EX-PL-2009**
New experimental to operate on 2085 and 2090 MHz to ascertain the capabilities and image quality of the Israeli TECSAR EESS satellite system.
Fixed: Redondo Beach (Los Angeles), CA; Chantilly (Fairfax), VA; Tampa (Hillsborough), FL
- **WF2XGL ALCATEL-LUCENT 0412-EX-PL-2009**
New experimental to operate in 2345-2360 MHz and 3400-3600 MHz to perform demonstrations of deployable networks.
Fixed: Plano (Collin), TX
- **WF2XGM ALCATEL-LUCENT 0413-EX-PL-2009**
New experimental to operate in 2345-2360 MHz and 3400-3600 MHz to perform demonstrations of deployable networks.
Fixed: Murray Hill (Union), NJ
- **WF2XGN ALCATEL-LUCENT 0414-EX-PL-2009**
New experimental to operate in 2345-2360 MHz to perform demonstrations of deployable networks.
Fixed: Within the Continental United States, AK & HI
- **WF2XHD RAYTHEON BBN TECHNOLOGIES 0021-EX-PL-2010**
New experimental to operate in 2585-2595 MHz for testing WiMax mobile user coverage operability in a network configuration.
Fixed: Cambridge (Middlesex), MA
- **WF2XGO ALCATEL-LUCENT 0415-EX-PL-2009**
New experimental to operate in 3400-3600 MHz to perform demonstrations of deployable networks.
Fixed: Within the Continental United States, AK & HI
- **WF2XFO UNIVERSITY OF PUERTO RICO AT MAYAGUEZ 0334-EX-PL-2009**
New experimental to operate on 9150-9750 MHz for atmospheric research using radar.
Fixed: Aguadilla, PR
- **WF2XGT VISTA RESEARCH, INC. 0001-EX-PL-2010**
New experimental to operate in 9300 – 9500 MHz for testing land-based furuno radar.
Mobile: Salinas (Monterey), CA; Johnson Valley (San Bernardino), CA; Stoddard Valley (San Bernardino), CA; Rosamond (Kern), CA
- **WF2XGR BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
0475-EX-PL-2009**
New experimental to operate on 13300 MHz for testing ASN-128 self-contained Doppler navigation system.
Mobile: Temporary Fixed Locations, Wayne and Ronkonoma, NJ
- **WF2XGV GENERAL DYNAMICS ARMAMENT AND TECHNICAL PRODUCTS, INC.
0385-EX-PL-2009**
New experimental to operate in 14500 - 15350 MHz for continued development of next generation unmanned aerial surveillance technologies.
Fixed & Mobile: Jericho, VT
- **WF2XGS BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
0476-EX-PL-2009**
New experimental to operate on 34.700 GHz for testing a radar collision avoidance system.
Mobile: Greater Binghamton Airport, Johnson City, NY